

the neurofascin protein, thereby indicating that PRO860 may be a novel neurofascin. More specifically, an analysis of the Dayhoff database (version 35.45 SwissProt 35) evidenced significant sequence similarity between the PRO860 amino acid sequence and the following Dayhoff sequences, "AF040990_1", "AF041053_1", "CELZK377_2", "RNU81035_1", "D86983_1", "S26180", "MMBIG2A_1", "S46216", and "RNU68726_1". Accordingly, it is presently believed that PRO860 polypeptide disclosed in the present application is a newly identified member of the neurofascin family and possesses the cellular adhesion properties typical of the neurofascin family.

33. Full-length PRO846 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO846. In particular, Applicants have identified and isolated cDNA encoding a PRO846 polypeptide, as disclosed in further detail in the Examples below. Analysis of the amino acid sequence of the full-length PRO846 polypeptide using BLAST and FastA sequence alignment computer programs, suggests that various portions of the PRO846 polypeptide possess significant sequence similarity to the CMRF35 protein, thereby indicating that PRO846 may be a novel CMRF35 protein. More specifically, an analysis of the Dayhoff database (version 35.45 SwissProt 35) evidenced significant sequence similarity between the PRO846 amino acid sequence and the following Dayhoff sequences, "CM35_HUMAN", "AF035963_1", "PIGR_RABIT", "AF043724_1", "RNU89744_1", "A52091_1", "S48841", "ELK06A9_3", and "AF049588_1". Accordingly, it is presently believed that PRO846 polypeptide disclosed in the present application is a newly identified member of the CMRF35 protein family and possesses properties typical of the CMRF35 protein family.

34. Full-length PRO862 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO862. In particular, Applicants have identified and isolated cDNA encoding a PRO862 polypeptide, as disclosed in further detail in the Examples below. Analysis of the amino acid sequence of the full-length PRO862 polypeptide using BLAST and FastA sequence alignment computer programs, suggests that various portions of the PRO862 polypeptide possess significant sequence similarity to the lysozyme protein, thereby indicating that PRO862 may be a novel lysozyme protein. More specifically, an analysis of the Dayhoff database (version 35.45 SwissProt 35) evidenced significant sequence similarity between the PRO862 amino acid sequence and the following Dayhoff sequences, "P_P90343", and "LYC_HUMAN". Accordingly, it is presently believed that PRO862 polypeptide disclosed in the present application is a newly identified member of the lysozyme family and possesses catalytic activity typical of the lysozyme family.

35. Full-length PRO864 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO864. In particular, Applicants have identified and isolated cDNA encoding a PRO864 polypeptide, as disclosed in further detail in the Examples below. Analysis of the amino acid sequence of the full-length PRO864 polypeptide using BLAST and FastA sequence alignment computer

programs, suggests that various portions of the PRO864 polypeptide possess significant sequence similarity to the Wnt-4 protein, thereby indicating that PRO864 may be a novel Wnt-4 protein. More specifically, an analysis of the Dayhoff database (version 35.45 SwissProt 35) evidenced significant sequence similarity between the PRO864 amino acid sequence and the following Dayhoff sequences, "WNT4_MOUSE", "WNT3_MOUSE", "WN5A_HUMAN", "WN7B_MOUSE", "WN3A_MOUSE", "XLU66288_1", "WN13_HUMAN",
5 "WN5B_ORYLA", "WNT2_MOUSE", and "WN7A_MOUSE". Accordingly, it is presently believed that PRO864 polypeptide disclosed in the present application is a newly identified member of the Wnt-4 protein family and possesses properties typical of the Wnt-4 protein family.

36. **Full-length PRO792 Polypeptides**

10 The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO792. In particular, Applicants have identified and isolated cDNA encoding a PRO792 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO792 polypeptide has significant similarity to the CD23 protein. Accordingly, it is presently believed that PRO792 polypeptide disclosed in the present
15 application is a newly identified CD23 homolog.

37. **Full-length PRO866 Polypeptides**

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO866. In particular, Applicants have identified and isolated cDNA encoding a PRO866 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO866 polypeptide has significant similarity to various mindin and spondin proteins. Accordingly, it is presently believed that PRO866 polypeptide disclosed
20 in the present application is a newly identified mindin/spondin homolog.

38. **Full-length PRO871 Polypeptides**

25 The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO871. In particular, Applicants have identified and isolated cDNA encoding a PRO871 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO871 polypeptide has significant similarity to the CyP-60 protein. Accordingly, it is presently believed that PRO871 polypeptide disclosed in the present
30 application is a newly identified member of the cyclophilin protein family and possesses activity typical of the cyclophilin protein family.

39. **Full-length PRO873 Polypeptides**

35 The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO873. In particular, Applicants have identified and isolated cDNA encoding a PRO873 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO873 polypeptide has significant similarity

to a human liver carboxylesterase. Accordingly, it is presently believed that PRO873 polypeptide disclosed in the present application is a newly identified member of the carboxylesterase family and possesses enzymatic activity typical of the carboxylesterase family.

40. Full-length PRO940 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO940. In particular, Applicants have identified and isolated cDNA encoding a PRO940 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO940 polypeptide has significant similarity to CD33 and the OB binding protein-2. Accordingly, it is presently believed that PRO940 polypeptide disclosed in the present application is a newly CD33 and/or OB binding protein-2 homolog.

41. Full-length PRO941 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO941. In particular, Applicants have identified and isolated cDNA encoding a PRO941 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO941 polypeptide has significant similarity to one or more cadherin proteins. Accordingly, it is presently believed that PRO941 polypeptide disclosed in the present application is a newly identified cadherin homolog.

42. Full-length PRO944 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO944. In particular, Applicants have identified and isolated cDNA encoding a PRO944 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO944 polypeptide has significant similarity to the CPE-R cell surface protein. Accordingly, it is presently believed that PRO944 polypeptide disclosed in the present application is a newly identified CPE-R homolog.

43. Full-length PRO983 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides referred to in the present application as PRO983. In particular, Applicants have identified and isolated cDNA encoding a PRO983 polypeptide, as disclosed in further detail in the Examples below. Using BLAST and FastA sequence alignment computer programs, Applicants found that the PRO983 polypeptide has significant similarity to the vesicle-associated protein, VAP-33. Accordingly, it is presently believed that PRO983 polypeptide disclosed in the present application is a newly identified member of the vesicle-associated membrane protein family and possesses activity typical of vesicle-associated membrane proteins.

44. Full-length PRO1057 Polypeptides

The present invention provides newly identified and isolated nucleotide sequences encoding polypeptides